

# Shubhra Chaturvedi

## List of Publications by Year in descending order

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29  
papers

358  
citations

759233

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839539

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docs citations

29  
times ranked

536  
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual screening of quinoline derived library for SARS-COV-2 targeting viral entry and replication. Journal of Biomolecular Structure and Dynamics, 2022, 40, 8464-8493.	3.5	4
2	Insights of ligand binding in modeled h5-HT <sub>1A</sub> receptor: homology modeling, docking, MM-GBSA, screening and molecular dynamics. Journal of Biomolecular Structure and Dynamics, 2022, 40, 11625-11637.	3.5	3
3	Harnessing Microenvironment Variation for Nanotechnology Based Therapeutics of ROS-Induced Cancer. , 2022, , 1-11.		0
4	Biodegradable Protein-Stabilized Inorganic Nanoassemblies for Photothermal Radiotherapy of Hepatoma Cells. ACS Omega, 2022, 7, 8928-8937.	3.5	1
5	Nontoxic In Vivo Clearable Nanoparticle Clusters for Theranostic Applications. ACS Biomaterials Science and Engineering, 2022, 8, 2053-2065.	5.2	5
6	5-HT <sub>1A</sub> targeting PARCEST agent DO3AM-MPP with potential for receptor imaging: Synthesis, physico-chemical and MR studies. Bioorganic Chemistry, 2021, 106, 104487.	4.1	0
7	Alpha-ketoglutarate decorated iron oxide-gold core-shell nanoparticles for active mitochondrial targeting and radiosensitization enhancement in hepatocellular carcinoma. Materials Science and Engineering C, 2021, 129, 112394.	7.3	17
8	Imaging application and radiosensitivity enhancement of pectin decorated multifunctional magnetic nanoparticles in cancer therapy. International Journal of Biological Macromolecules, 2021, 189, 443-454.	7.5	26
9	Microenvironment Stimulated Bioresponsive Small Molecule Carriers for Radiopharmaceuticals. ACS Omega, 2020, 5, 26297-26306.	3.5	4
10	Acetylated Benzothiazolone as Homobivalent SPECT Metallo-Radiopharmaceutical <sup>99m</sup> Tc-(6-AcBTZ) <sub>2</sub> DTPA: Design, Synthesis, and Preclinical Evaluation for Mapping 5-HT <sub>1A</sub> Receptors. ACS Omega, 2019, 4, 10044-10055.	3.5	3
11	Potent Acetylcholinesterase Selective and Reversible Homodimeric Agent Based on Tacrine for Theranostics. Molecular Pharmaceutics, 2019, 16, 2296-2308.	4.6	13
12	Evaluation of BBB permeable nucleolipid (NLDPU): A di-C15-ketalised palmitone appended uridine as neuro-tracer for SPECT. International Journal of Pharmaceutics, 2019, 565, 269-282.	5.2	9
13	Improvising 5-HT <sub>7</sub> R homology model for design of high affinity ligands: model validation with docking, embrace minimization, MM-GBSA, and molecular dynamic simulations. Journal of Biomolecular Structure and Dynamics, 2018, 36, 2475-2494.	3.5	12
14	Synthesis, docking, and preliminary in vitro/in vivo evaluation of MPP-dithiocarbamate-capped silver nanoparticle as dual-imaging agent for 5HT <sub>1A</sub> . International Journal of Nanomedicine, 2018, Volume 13, 19-23.	6.7	4
15	Design, physico-chemical and pre-clinical evaluation of a homo-bivalent <sup>99m</sup> Tc-(BTZ) <sub>2</sub> DTPA radioligand for targeting dimeric 5-HT <sub>1A</sub> /5-HT <sub>7</sub> receptors. New Journal of Chemistry, 2018, 42, 15032-15043.	2.8	6
16	New Trends and Current Status of Positron-Emission Tomography and Single-Photon-Emission Computerized Tomography Radioligands for Neuronal Serotonin Receptors and Serotonin Transporter. Bioconjugate Chemistry, 2017, 28, 2647-2672.	3.6	21
17	Small Molecule Radiopharmaceuticals – A Review of Current Approaches. Frontiers in Medicine, 2016, 3, 5.	2.6	16
18	Targeted theranostic liposomes: rifampicin and ofloxacin loaded pegylated liposomes for theranostic application in mycobacterial infections. RSC Advances, 2016, 6, 28919-28926.	3.6	24

#	ARTICLE	IF	CITATIONS
19	Engineered Nanoparticles Associated Metabolomics. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	4
20	Vectors for the delivery of radiopharmaceuticals in cancer therapeutics. Therapeutic Delivery, 2014, 5, 893-912.	2.2	2
21	Nucleolipids as building blocks for the synthesis of <sup>99m</sup> Tc-labeled nanoparticles functionalized with folic acid. New Journal of Chemistry, 2014, 38, 5240-5246.	2.8	9
22	Evidence for altered metabolic pathways during environmental stress: <sup>1</sup> H-NMR spectroscopy based metabolomics and clinical studies on subjects of sea-voyage and Antarctic-stay. Physiology and Behavior, 2014, 135, 81-90.	2.1	6
23	Differential biochemical response of rat kidney towards low and high doses of NiCl <sub>2</sub> as revealed by NMR spectroscopy. Journal of Applied Toxicology, 2013, 33, 134-141.	2.8	20
24	Synthesis, docking and preliminary in vivo evaluation of serotonin dithiocarbamate as novel SPECT neuroimaging agent. MedChemComm, 2013, 4, 1006.	3.4	9
25	Synthesis of Oxovanadium(IV) Schiff base Complexes derived from $\epsilon$ -substituted Diamines and Pyridoxal <sup>5</sup> -Phosphate as Antitumor Agents. Chemical Biology and Drug Design, 2012, 79, 223-234.	3.2	38
26	Facile synthesis of non-ionic dimeric molecular resonance imaging contrast agent: its relaxation and luminescence studies. Dalton Transactions, 2011, 40, 3346.	3.3	14
27	Study of acute biochemical effects of thallium toxicity in mouse urine by NMR spectroscopy. Journal of Applied Toxicology, 2011, 31, 663-670.	2.8	19
28	Nuclear magnetic resonance spectroscopy-based metabonomic investigation of biochemical effects in serum of <sup>13</sup> C-irradiated mice. International Journal of Radiation Biology, 2011, 87, 91-97.	1.8	48
29	<sup>99m</sup> Tc-EDTPA-Amino Acids Conjugate as Specific SPECT Pharmaceuticals for Tumor Imaging. Chemical Biology and Drug Design, 2009, 74, 159-164.	3.2	21